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## Patent Abstracts of Japan

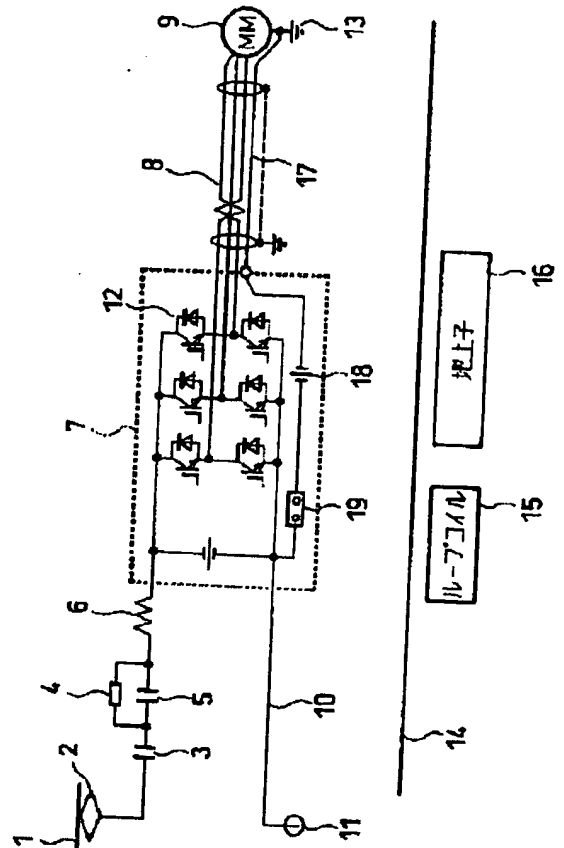
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APPLICANT : TOSHIBA CORP;

INVENTOR : SATO TATSUYA;

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TITLE : ELECTRIC ROLLING STOCK  
 CONTROL APPARATUS



ABSTRACT : PROBLEM TO BE SOLVED: To provide an electric rolling stock control apparatus which can prevent a high frequency current from flowing out to a rail by feeding back high frequency current components only to a VVVF inverter device.

SOLUTION: High frequency noise flowing in the rail 14 is reduced by a short-circuit constituted of a motor frame earth wire 17 of a motor 9 and a main circuit earth wire 10 of the VVVF inverter device 7, and a DC component flowing in the short-circuit is cut off by a capacitor 18.

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